

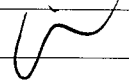
Work Order ID 131496

131496

April-13-15 7:57:22 AM

Page 1

Item ID: DSI 9052-013 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Quick Release Pip Pin
 Start Date: 4/13/15 Start Qty: 2.00 ***2*** Cust Item ID:
 Required Date: 4/13/15 Req'd Qty: 2.00 ***2*** Customer:
 Reference:

Approvals: Process Plan:  Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr	
DSI 9052	E	<u>MLS</u>

100 Document Control 0.00
100 DOCUMENT CONTROL
 DC Memo 0.00
 Doc.Control -USB or Paperwork Photocopy bluefile & type labels per PPP 9052-013 CHG001

MLS 15-04-13

110 Pick Kit 0.00

110
 Packaging Memo 0.00
 Packaging

(2) APR 13 2015 DAS 27
6 9-89

120 QC4- 100% Inspect kits for completeness 0.00

120
 QC Memo 0.00
 Quality Control

(2x) APR 13 2015 DAS 27
46 9-89

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Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Packaging	0.00							
130							DAS		
Packaging	Memo	0.00				(2x)	46	APR 13 2015	
Packaging	Identify and pack for shipping as per PPP D9052-013 Location: <u>FG123</u>						9-20		
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

MW 1504-16
MF
15-4-16

Picklist Print

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Work Order ID: 131496

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Parent Item: DSI 9052-013

DSI 9052-013

Parent Item Name: Quick Release Pip Pin

Start Date: 4/13/15

Required Date: 4/13/15

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP Rev:A02.05.15New IssueNG

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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2 BLRS-010		Purchased	No			110	Each	17.0000	1	2			
BI RS-010	DAS								**			DAS	DAS
Quick Release Pin (1/4" x 1")	46											6	27
	9-89											9-89	9-89

Location	Loc Qty	Loc Code
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FG	4	
121374	4	
ST551	13	
m129900	1	
m131692	12	

7 BLRS-020		Purchased	No			110	Each	14.0000	3	6			
BI RS-020	DAS								**			DAS	DAS
Quick Release Pin (1/4" x 1.5")	46											6	27
	9-89											9-89	9-89

Location	Loc Qty	Loc Code
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FG	4	
122168	4	
ST551	10	
m131692	10	

APR 13 2015

TO AMEND INSTALLATION INSTRUCTIONS D350-607 REV. F OR LATER REV.
(REF. CANADIAN STC: SH94-14, REF. FAA STC: SR00213NY)
AND TO AMEND INSTALLATION DRAWING D350-602 REV. E OR LATER REV.
(REF. CANADIAN STC: SH93-97, REF. FAA STC: SR01144NY)

THE AN4-12A / AN4-15A / AN4-16A BOLTS USED ON D2230-1 CLAMPS MAY BE REPLACED WITH STAINLESS STEEL POSITIVE LOCKING QUICK RELEASE PINS WITH A MINIMUM DOUBLE SHEAR STRENGTH OF 2400 LBS AND 0.25 INCH DIAMETER.

BOLT	MIN GRIP	POSSIBLE QUICK RELEASE PIN REPLACEMENT
AN4-12A	1.0"	AVIBANK: BLC4B10S, BLC4TA10S, BLC4R10S, BLC4LA10S MS NUMBER: MS17984C410, MS17985C410, MS17986C410, MS17987C410 REID: BLRS-010, BLBS-010
AN4-15A / AN4-16A	1.3"	AVIBANK: BLC4B13S, BLC4TA13S, BLC4R13S, BLC4LA13S MS NUMBER: MS17984C413, MS17985C413, MS17986C413, MS17987C413 REID: BLRS-020, BLBS-020

THE FOLLOWING OPTIONAL KITS ARE AVAILABLE FROM DART TO PROVIDE QUICK RELEASE CAPABILITY. DART HELI-UTILITY-BASKETS™ D350-607-041 @ CHG 008, D350-607-043 @ CHG 005, D350-607-045 @ CHG 003, D350-607-047 @ CHG 003, OR LATER CHANGE NUMBERS, OR KITS MODIFIED PER SERVICE INSTRUCTION DSI 9342 USE AN4-15A BOLTS AND SHOULD PURCHASE THE DSI-9052-013 KIT. EARLIER CHANGE NUMBERS THAT HAVE NOT BEEN MODIFIED PER SERVICE INSTRUCTION DSI 9342 USE AN4-12A BOLTS AND SHOULD PURCHASE THE DSI-9052-011 KIT.

QTY -011	QTY -013	PART NUMBER	DESCRIPTION
X		DSI-9052-011	QUICK RELEASE KIT, FOR D350-607-041 (CHG ≤007) / -043 (CHG ≤004) / -045 (CHG ≤002) / -047 (CHG ≤002)
	X	DSI-9052-013	QUICK RELEASE KIT, FOR D350-602-011/-013/-014 & D350-607-041 (CHG 008) / -043 (CHG 005) / -045 (CHG 003) / -047 (CHG 003)
4	1	BLRS-010	QUICK RELEASE PIN (1.0" GRIP)
	3	BLRS-020	QUICK RELEASE PIN (1.5" GRIP)

IT IS ACCEPTABLE TO LEAVE THE D2230-1/-3 CLAMPS INSTALLED ON THE CROSSTUBES WHEN THE BASKET OR POD IS REMOVED. WEIGHT & BALANCE, FOR CLAMPS ONLY, IS 1.8lb (0.82kg) @ STA 135in (3.43m) & BL ±36in (±0.91m).

APPROVED

DATE: 09.06.23
CERT. NO.: SH94-14 / SH93-97
ISSUE NO.: 4 / 4

E	-013 KIT NOW APPLICABLE TO NEW D350-607 KITS	CP	09.06.23
D	ADD CLAMPS ONLY NOTE	KJ	04.03.23
C	ADD DSI 9052-013	CP	03.12.11
B	ADD PART NUMBERS	BW	96.11.13
A	NEW ISSUE	MM	96.11.04
REV.	DESCRIPTION	BY	DATE
DESIGN	MM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>GP</i>		
CHECKED	<i>MS</i>	DRAWING NO.	REV. E
MFG. APPR.	<i>N/A</i>	DSI 9052	SHEET 1 OF 1
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	QUICK PIN REPLACEMENT	NTS
DATE	09.06.23	COPYRIGHT © 1996 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	